Statement

Details of Solar Energy devices installed in Jharkhand and Orissa

System	Jharkhand Installed	Orissa Installed
Solar Home Lights Nos	4035	4425
Solar Street Lights Nos	620	5819
Solar Power Plants KWp	—	36.52
Village covered through Solar systems under Remote Village Electrification Programme	447	205

Requirement of wind mills

254. SHRI AMIR ALAM KHAN: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the total number of wind mills functioning in the country, as on date, State/UT-wise;

(b) whether any assessment has been made in the recent years about the requirement of such mills in the country;

(c) if so, the details thereof;

(d) whether new locations/sites are being identified for erection of these wind mills in the country; and

(e) if so, the details thereof, location-wise and State-wise?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) Wind power projects aggregating 9522 MW have been installed in the country as on 30.9.2008. State-wise wind power installation capacity is given in the Statement-I (*See* below)

(b) and (c) Yes, Sir. As compared to the achievement of about 5456 MW of wind power during the Tenth Five Year Plan, a target for capacity addition of 10,500 MW has been fixed for the Eleventh Five Year Plan. The capacities of wind turbines installed in the country ranges from 225 kw to 1650kw. Adequate manufacturing facility exists in the country for achieving the above target.

(d) and (e) A total of 216 potential locations have so far been identified in 13 States/UTs which could be considered suitable for installation of wind turbines. Of these, five new locations have been identified in 3 States during the last three years. State-wise details are given in Statement-II

Statement-I

Details of Statewise Requirement of Wind Mills

(in MW)

Sl. No.	State	Capacity (as on 30.09.2008)
1.	Andhra Pradesh	122.50
2.	Gujarat	1414.70
3.	Karnataka	1164.10
4.	Kerala	18.00
5.	Madhya Pradesh	187.70
6.	Maharashtra	1823.90
7.	Rajasthan	671.00
8.	Tamil Nadu	4115.80
9.	West Bengal	1.10
10.	Orissa	3.20
	Total	9521.80

Statement-II

Statewise details of areas and sites identified for Wind Mills

Sl. No.	State	Potential sites	No. of sites identified during last three years (2005-2008)
1	2	3	4
1.	Tamil Nadu	41	—
2.	Kerala	17	1
3.	Karnataka	26	1
4.	Andhra Pradesh	32	—
5.	Maharashtra	31	3
6.	Madhya Pradesh	7	—
7.	Gujarat	38	—
8.	Rajasthan	7	—
9.	Uttarakhand	1	—
10.	Orissa	6	—

1	2	3	4
11.	West Bengal	1	—
12.	Andaman and Nicobar Islands	1	—
13.	Lakshadweep	8	—
	Total	216	5

Village Electrification through Solar and Biogas energy

255. KUMAR DEEPAK DAS: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government has any proposal for village electrification, through solar and biogas energy, in Assam;

(b) if so, the details thereof, with the mode of electrification; and

(c) whether the remote villages of Barpeta Nalbari, Chirang and Bongaigaon districts of the State would be included under such programme?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) Yes, Sir. Under the Remote Village Electrification Programme of the Ministry, Central Financial Assistance of upto 90% of the costs of systems, has been approved for installation of solar homelighting systems in 1986 villages. The projects are being implemented in the state by the state identified implementing agencies, namely Assam Energy Development Agency, Assam State Electricity Board and the State Forest Department. No proposal has, however, been received from the state for using biogas energy for village electrification.

(c) 92 remote villages in the districts of Barpeta and undivided Kokrajhar and Bongaigaon, out of which the new district of Chirang has been carved out, are included in the list of villages for which financial assistance has been approved. No proposal has been received from the state implementing agencies for such assistance for any village in the district of Nalbari.

Power projects in Rajasthan

256. SHRI LALIT KISHORE CHATURVEDI: Will the Minister of POWER be pleased to state:

(a) the details of power projects and programmes being implemented and still pending, which were proposed during the Tenth Five Year Plan by Government, for development of power in Rajasthan;

(b) whether Government has proposed to formulate and implement more power projects during the Eleventh Five Year Plan in the State, which is facing severe power shortage;

(c) if so, the details thereof; and

(d) if not, the reasons therefor?